BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Name of work: Detailed Estimate for the Work of Improvements to Road and Drains at Poojamahalakshmi layout Cross Road in ward No 05 Byatarayanapura Sub Division

							Estimate Cost	2500000.00	
Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRB 2-1.1: Earth work in surface excavation in ordinary soil for leveling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe line and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface leveled and neatly dressed, disposed earth to be leveled after breaking of clods and neatly dressed as per specifications, Specification No KBS 2.1(a) / 2.3.1,P. No. 5/ Item No. 2.1/ PWD SR 2013-14	cum							
	For Road Surface								
	Cross Roads		10	45.00	6.00	0.20	540.00		
			4	50.00	6.00	0.20	240.00		
	Desilting of Drains								
	Cross Roads		10X2	45.00	0.35	0.15	47.25		
			3X2	50.00	0.35	0.15	15.75		
	Burm Cutting								
	Cross Roads		10	45.00	0.35	0.20	31.50		
			3	50.00	0.35	0.20	10.50		
							885.00	126.36	**111829.00**
	Basic Rate	117.00							
	Area Weightage @ 8%	9.36							
	Total	**126.36**							
2	Removing B.S Slab of Drain and stacking Page No. 28/ Item No. 5.32/ PWD SR 20113-14	Sqm							
	Cross Roads		10X2	45.00	1.35		1215.00		
			3X2	50.00	1.35		405.00		
							1620.00		
	Deduct 20% Missing Slabs						324.00		
							1296.00	50.11	**64945.00**
	Basic Rate	46.40							
	Area Weightage @ 8%	3.71							
	Total	**50.11**							
3	Refixing stone slabs of drains and pointing in C.M (1:3) Page No. 28/ Item No. 5.33/ PWD SR 2013-14	Sqm							
			Qty Vide Item No.3				1296.00		
							1296.00	**70.04**	**90769.00**
	Basic Rate	64.85							
	Area Weightage @ 8%	5.19							
	Total	**70.04**							
4	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar(1:6) including fixing curing etc, complete -do- 7.5 cms thick Page No. 28/ Item No. 5.31.1/ PWD SR 2013-14	**Sqm**							
	For Missing slabs (20%)		Missing Slabs				324.00		
							324.00	343.44	**111275.00**

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Basic Rate	318.00							
	Area Weightage @ 8%	25.44							
	Total	**343.44**							
5	KSRRB M400-17: Providing, laying spreading and compacting graded stones aggregate to **wet mix macadam** specifications including premixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying, in uniform layers with paver in sub base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH specification NO. 406, No. 170/ Item No. 20.18/ PWD SR 2013-14	Cum							
	Cross Roads		10	45.00	6.00	0.20	540.00		
	Cross Roads		3	50.00	6.00	0.20	180.00		
							720.00	1121.04	**807149.00**
	Basic Rate	1038.00							
	Area Weightage @ 8%	83.04							
	Total	**1121.04**							
6	KSRRB 500-4: providing and applying **primer coat** from 7.5 to 9.8 kg and 9.8 to 12.2kg per 10 sqm for surfaces of low and medium porosity respectively over prepared surface of granular base with cut bank M.C-70 or any other bitumen mixed with diesel at 10 kg per 10 sqm heated in bitumen boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specificationsDo- Medium Porosity MORTH chapter 5, No. 175/ Item No. 21.4/ PWD SR 2013-14	Sqm							
	Cross Roads		10	45.00	6.00		2700.00		
			3	50.00	6.00		900.00		
							3600.00	100.60	**362167.00**
	Basic Rate	93.15							
	Area Weightage @ 8%	7.45							
	Total	**100.60**							
7	KSRRB M500-18: Providing and laying **semi dense bituminous concrete 25mm thick** with 100-120 TPH batch type HMP producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder at 4.5 to 5% of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem roller to achieve the desired compaction as per MORTH specifications clause No. 500.8 complete in all respects as per specifications. P. No. 174/ Item No. 21.20/ PWD SR 2013-14	Cum							
	Cross Roads		10	45.00	6.00	0.025	67.50		
			3	50.00	6.00	0.025	22.50		

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
							90.00	9631.44	866830.00
	Basic Rate	8918.00							
	Area Weightage @ 8%	713.44							
	Total	9631.44							
8	Lead for Disposal of Debris shall be payable at carage rates by Mechanical means inlcuding loading and unloading. From 0.00 to 2.00 Km (Page No.123,	Cum							
			Qty. Vide Item No. 1				885.00		
							885.00	67.32	59578.00
	Basic Rate Lead Charges Upto 2.00 Kms	5.12							
	PWD SR 2010-11 (P.118/I.17.1) For loading	62.20							
	Total	67.32							
9	For 1% Third Party Charges								25000.00
10	Miscesallaneous Charges	L/S							458.00
								Total	2500000.00

(Rupees Twenty Five Laksh Only)

CERTIFICATE

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per PWD SR of 2013-14
3 The provisions were made in this estimate are necessary and adequate.
4 This works come under B.B.M.P. limits.

Assistant Engineer
ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿಬಿಎಂಪಿ, ಬೆಂಗಳೂರು-24
Assistant Executive Engineer

Executive Engineer
Byatarayanapura Division
Bruhat Bangalore Mahanagara Palike
31/12/2013

ADMINISTRATIVELY SANCTIONED FOR Rs. 25.00
Rupees twenty five lacks
Under Ho village Grants

Registered as EE ( ) No. 9 ....9.....
Subject to conditions contained in
enclosed memo EE ( ) No. /9/....
Dt. Estimate A/Sanctioned
Addl Comm(P) AS/580/13-14
dated 23-12-13 Rs 25.00

Joint Commissioner
(Yelahanka Zone)
BBMP, Bengaluru-92

Technical Sanction for Rs. 25-00 Lakhs
Twenty Five Lakhs only
74/13-14
74/13-14 Dt. 23/12/13
JE (B'PP.DIV.)